

# DENIFORM 9

## POM resin unfilled for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,41
MVR (190°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	9
Linear Mould Shrinkage	-	ASTM D-955	%	2
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,8
Water Adsorption	23°C-Sat	ISO-62	%	0,75
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	150
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	95
Long Term Temperature	-	Internal Method	°C	90
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	5,5
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	65
Elongation at Break	23 °C	ISO-527/1-2	%	>10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2800
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	HB
Thickness 1,5 mm	-	UL 94	-	HB
Thickness 0,8 mm	-	UL 94	-	HB